**IN THE CLAIMS:**

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

1 (Previously Presented). A modem for a communications network, comprising:
a transceiver;
a first interface coupled to said transceiver and configured to couple to a first communications terminal; and
a second interface coupled to said transceiver, wherein said second interface is configured to couple said transceiver to a network node via a first master communication loop and further configured to couple said transceiver to said network node via a shared second communications loop, said shared second communications loop is configured to serve a second communications terminal.

2 (Previously Presented). The modem as specified in Claim 1 wherein said shared second communications terminal is physically located remote from said first communications terminal.

3 (Original). The modem as specified in Claim 1 wherein said transceiver exchanges communication information in a format compatible with ADSL standards.

4 (Previously Presented). The modem as specified in Claim 1 wherein said first communications terminal exchanges communication information over both said first master communication loop and said shared second communication loop via said second interface in a format compatible with ADSL standards.

5 (Previously Presented). The modem as specified in Claim 4 wherein said second communications terminal is also adapted to exchange communication information over said shared second communication loop in a format compatible with ADSL standards, wherein said

first communications terminal is adapted to exchange communication information over said shared second communication loop while said second communication terminal exchanges communication information over said shared second communication loop.

6 (Previously Presented). The modem as specified in Claim 1 wherein said transceiver is adapted to simultaneously communicate information over both said first master communication loop and said shared second communication loop with a remote communication device located at a central office (CO).

7 (Previously Presented). The modem as specified in Claim 1 wherein said transceiver is adapted to communicate information over said shared second communication loop using a technique chosen from the group consisting of: time division, frequency division, and code division.

8 (Previously Presented). The modem as specified in Claim 1 wherein said transceiver is adapted to share said shared second communications loop for receiving downstream communication information for said first communication terminal.

9 (Previously Presented). The modem as specified in Claim 1 wherein said transceiver is adapted to share said shared second communications loop for both upstream and downstream communication information for said first communication terminal.

10 (Previously Presented). The modem as specified in Claim 1 wherein both said first master communication loop and said shared second communication loop each comprise a twisted pair of conductors.

11 (Previously Presented). The modem as specified in Claim 3 wherein said second interface is also adapted to communicate voice information over said first master communication loop and has a splitter separating said ADSL communication information from said voice information.

12 (Previously Presented). A communication network, comprising:
a first modem to serve a first communications terminal;
a second modem to serve a second communications terminal; and
a network node coupled to said first modem via a first master communication loop and to said second modem via a shared second communication loop, wherein said first modem is also coupled to said network node via said shared second communication loop.

13 (Original). The communication network as specified in Claim 12 wherein said first modem exchanges communication information compatible with ADSL standards.

14 (Previously Presented). The communication network as specified in Claim 13 wherein said first modem is configured to communicate information simultaneously over both said first master communication loop and said shared second communication loop as an integrated communication having a higher bandwidth than that available over said first master communication loop.

15 (Previously Presented). The communication network as specified in Claim 14 wherein said first modem is configured to also communicate voice communications over said first master communication loop, said first modem having a splitter separating said ADSL communication information from said voice communications.

16 (Previously Presented). The communication network as specified in Claim 12 wherein said first modem is adapted to receive downstream communications over said shared second communication loop.

17 (Previously Presented). The communication network as specified in Claim 16 wherein said first modem is adapted to exchange both upstream and downstream communications over said shared second communication loop.

18 (Previously Presented). The communication network as specified in Claim 12 wherein both said master loop and said second communication shared loop each comprises a twisted pair of conductors.

19 (Previously Presented). A method of increasing communication bandwidth between a first modem coupled to a first communication terminal and a network node, the first modem being coupled to the network node via a first communication loop, the method comprising:

communicating information between the first communication terminal and the network node simultaneously over the first communication loop and at least one other communication loop, wherein the at least one other communication loop is configured to couple the network node to at least one other communication terminal, while the at least one other communication terminal communicates with the network node.

20 (Original). The method as specified in Claim 19 wherein said information is compatible with ADSL standards.